LIGHTWAY®

Solar Twin Head Floodlight

Model Number WL-SS21

INSTRUCTION MANUAL

AFTER SALES SUPPORT
☎ (AUS) 1300 886 649

info@tempo.org

MODEL: WL-SS21 PRODUCT CODE: 60354 05/2018

N13275

Welcome

Congratulations on choosing to buy a Lightway® product.

All products brought to you by Lightway® are manufactured to the highest standards of performance and safety and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 1 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

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Solar Twin Head Floodlight

Warranty Details

REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and to compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

1
YEAR WARRANTY

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General Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS
READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

Read this manual thoroughly before first use, even if you are familiar with this type of product. The safety precautions enclosed herein reduce the risk of injury and damage when correctly adhered to. Keep the manual in a safe place for future reference, along with the completed warranty card and purchase receipt.
If applicable, pass these instructions on to the next owner of the appliance.

Installation advice

- **Installation area**: Keep the installation area clean and well lit during installation. Cluttered areas invite accidents.
- **Keep children away:** Install the product out of children's reach. Supervise children to ensure they do not play with or handle the product.
- **Dress appropriately:** When installing the product, wear protective clothing and footwear, restrictive hair covering (to contain long hair) and eye protection.
- **Do not overreach:** Keep proper footing and balance at all times. If using a ladder during installation, it should be supported by an assistant.
- **Check after installation:** Check the installation hardware and parts after assembling. All connections should be tight and hardware tightened.

- **The unit must be installed:**
  - ☑ In an outdoor or indoor area within the specified operating temperature (–20°C to 60°C).
  - ☑ Above ground on a solid surface that is capable of supporting the lights and secure enough so that it will not move when exposed to vibration or wind.
  - ☑ At a height that must be high enough to allow for motion detection and light distribution. We recommend installing it on a wall or roof.
  - ☑ Outside arm's reach.
  - ☑ On a vertically flat surface. Do not attach it to an unstable surface.
- **Do NOT install the unit:**
  - ☒ Close to people or road traffic.
  - ☒ Close to other products that send radio waves, as it may interfere with the proper functionality of the product.

General Safety Instructions (Cont.)

Usage conditions and restrictions

- **Domestic use only:** This product is intended for domestic use only. It is not suitable for commercial or industrial use. Do not use the product for anything other than its intended purpose, and only use it as described in this manual.
- **Usage restrictions:** This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the product by a person responsible for their safety.
- **Common sense:** The warnings, precautions and instructions in this manual cannot cover all possible conditions and situations that may occur. Please exercise common sense and caution when installing and operating the product.
- **Handle with care:** Do not shake the product vigorously or subject it to mechanical vibrations. Do not drop it or otherwise subject it to strong impact.
- **Protect the connecting cable:** Do not kink, squash or strain the connecting cable and protect it from sharp edges and heat. Do not let it touch hot surfaces. Do not place anything on top of the cable. Do not carry the product by the cable.
- **Maintenance:** Keep the product clean for better and safer performance.
- **Inspect for damage:** Before installation, and on a regular basis afterwards, check all parts of the product for damage. If the connecting cable, or any other part is damaged, stop using the product. A damaged cable must be replaced by a service agent or similarly qualified person in order to prevent a hazard. Have the product repaired by a qualified technician, or contact our after sales support centre for advice.
- **Do not attempt to open** the protective housing or operate the product if damaged. The product has no user-serviceable parts contained inside. Do not attempt to repair, disassemble or modify it. In the unlikely event that the product requires servicing, please contact our after sales support centre for advice.
- **Misuse:** Do not misuse this product or use it when faulty. Misuse includes installing it contrary to the installation instructions, using it for any other than its intended purpose, or staring at the lights for an extended time while it is on. Doing so may result in the risk of personal injury and/or damage to the product, and it will void your warranty.
- **Dangerous operation:** Only install and use this product in a safe and responsible manner, and only to illuminate areas on your property. Do not install and use the product in any manner that would constitute a safety risk, such as pointing the light beams into public areas, onto roads, into traffic and similar situations. Do not cause a public nuisance by illuminating other people's private property.
- **Liability:** We assume no liability for any eventual damage or injury caused by misuse of the product or noncompliance with the instructions.

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Product Overview

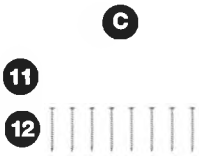
Scope of delivery

(A) Solar Twin Head Floodlights

1 LED floodlights (2)
2 Mounting bracket
3 ON/OFF switch
4 Detection time adjustment dial
5 Detection distance adjustment dial
6 Lux adjustment dial
7 PIR (passive infrared) sensor
8 Cord socket (not visible here)

(B) Solar Panel

9 Solar panel
10 Connection cable (at the back, not visible here)



(C) Installation Hardware

11 6x32mm wall plugs (8)
12 M4x45mm screws (8)

(D) Documentation (not pictured):
Instruction manual, Warranty certificate

NOTE: Due to continued product improvement, images and illustrations in this manual may vary slightly from the product purchased. All images in this manual are for reference purposes only. Parts are not necessarily pictured to scale.

Getting Started

Unpacking

- **Packaging:** This product has been packaged to protect it against transportation damage. Unpack the product but keep the packaging in a safe place. It will help prevent any damage if the product needs to be transported in the future, and you can use it to store the product when it is not in use. If the packaging material is to be disposed of, please recycle it where possible.
- **Packaging disposal:** Plastic wrapping can be a suffocation hazard for babies and young children, so ensure all packaging materials are out of their reach and disposed of safely.
- **Inspection**: Unwind the connecting cable to its full length and inspect it for damage. Also check all other parts of the product for damage. If there is any damage, do not use the product. Contact our after sales support centre.
- **Documentation:** Make sure you have read and understood all instructions and warnings in this manual. Refer to the Product Overview, on page 7, to familiarise yourself with the product and identify all parts. Pay particular attention to the safety instructions on the previous pages.

Installation

Tools required for installation

- **Installation onto a brick or masonry surface**
  - 6mm masonry drill bit
  - Electric or cordless drill with hammer action (to drill holes)
  - #2 Phillips head power screwdriver bit or #2 Phillips head screwdriver (to install screws)
- **Installation onto a timber surface**
  - 1/8" standard or wood drill bit (to drill pilot holes for screws)
  - Electric, cordless or hand drill (to drill holes)
  - #2 Phillips power screwdriver bit or #2 Phillips screwdriver (to install screws)

Safety first

- Use a dust mask and safety goggles when drilling installation holes.
- Before starting with the installation, please read all general safety instructions, especially the "Installation advice" section on page 5.

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Getting Started (Cont.)

Where to install the solar panel

- **NOTE:** The performance of your solar twin head floodlight is dependent on your geographical location, weather conditions and seasonal sunlight availability. Please be aware that on cloudy days and during winter, your solar panel will not receive as much direct sunlight, which may result in reduced brightness and reduced operating time.
- Choose the most suitable position where it is ensured that your solar panel will be exposed to direct sunlight for eight hours per day, preferably facing north.
- Remember that the maximum distance from the solar panel to the light body is five metres, so ensure your installation is within this distance.

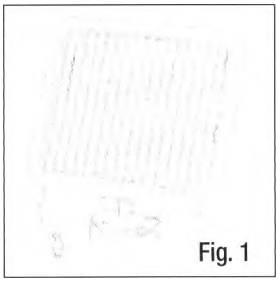

Fig. 1

How to install the solar panel

- There are four holes on the base of the solar panel. Hold the solar panel to the wall and make four drill hole positioning marks through the four holes.
- Put down the solar panel and drill holes at each of the four marks to fit the plastic wall plugs, if installing the panel to a masonry or brick wall.
- Insert four screws through the holes in the solar panel base into the wall plugs and screw in.

  IMPORTANT! To ensure that the panel receives maximum sunlight, ensure that the base of the solar panel is positioned so that the surface of the solar panel is facing upwards.
- After installing the solar panel, remove the protective plastic film covering the panel surface, failure to do this will affect the performance of the unit.

Where to install the solar twin head floodlight

- **NOTE:** The PIR sensor is more sensitive to detecting a person walking across the sensor's beam than directly towards it. The floodlight is therefore best located in a position where a person coming close would be moving across the beam or entering its range from a sideways or offset direction.
- The following mounting locations should also be avoided as they may confuse the sensor:
  - Avoid areas where the sensor is pointing in a direction that has objects, such as trees or shrubs, which will be moved by wind.
  - Avoid areas above vents or other sources of drafts.
- The recommended mounting height for your security light is 1.8-2.5m (please refer to Fig. 6 on page 14).
- The floodlight body should be located in a semi-protected area where it will not be exposed to excessive rain, such as under eaves.

How to install the solar twin head floodlight

The floodlight body consists of three parts (Fig. 2): the mounting bracket (part I), lamp body (part II) and the LED floodlights (part III).

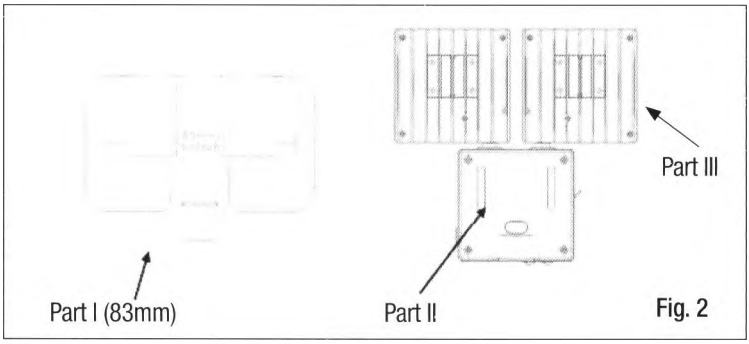

Fig. 2

1. On the mounting surface, mark the four points for the mounting bracket (part I) in the desired position. The marks need to be 83mm apart horizontally (from left to right), and 35mm vertically (from top to bottom).
2. Drill holes at each of the four marks to fit the remaining plastic wall plugs, if installing to a masonry or brick wall.
3. Fit the bracket to the mounting surface with the remaining four screws, inserting them through the four mounting holes into the wall plugs.
4. Hang the lamp body (part II) with the floodlights (part III) securely over the mounting bracket (part I).

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Features

- **Solar Twin Head Floodlight,** suitable for use in a garages, sheds, over pathways and entrances, and in any other location where you want temporary lighting without the need for professional installation by an electrician
- **Twin adjustable lamps** allow the light to be directed to more than one area
- **High-performance solar panel with a 5m long connection cable** for easy positioning in any area that will receive maximum sunlight each day to fully charge the battery
- **PIR (passive infrared) motion sensor** automatically comes on when motion is detected
- **Wide detection area:** the 120° sensor angle detects motion in an 8m detection range (adjustable)
- **2 x 5W white LED bulbs** (included) illuminate the area every time motion is detected
- **Adjustable detection time**: 5 seconds to 1 minute
- **Adjustable lux control level** from daylight to night
- **2 x 3.7V solar rechargeable lithium-ion battery**
- **Weatherproof:** protected against water splashes from all directions (IP44)
- **Easy DIY installation:** 8 wall anchors and screws included, no wiring or electrician required

Instructions

Introduction

The solar twin head floodlight operates by the solar panel converting sunlight to an electric current that recharges the battery located in the lamp body. The LEDs use the charge stored in the battery to illuminate when the PIR (passive infrared) motion sensor detects people, animals or objects in its detection range. The detection range, light activation time and required darkness level are adjustable. After the set time, the light turns off automatically.

This product cannot prevent crimes by itself. It is designed to alert the owners when its sensor detects a motion of a living being within the sensor's range.

Before first use

Connecting the floodlight to the solar panel

The solar panel comes with a 5m connecting cable attached for easy connection to the twin head floodlight. Simply insert the plug of at the end of the cable to the plug socket at the right side of the lamp body.

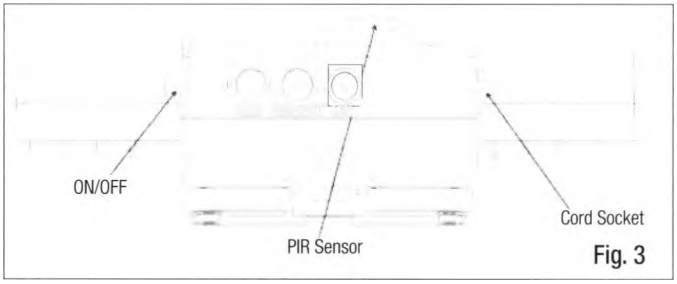

Fig. 3

Charging the battery

- **IMPORTANT!** Before using the solar twin head floodlight for the first time, connect the solar panel to the lamp body and position the solar panel in full sunlight to allow it to charge **for at least three days with the ON/OFF switch in the OFF position**. This will ensure that the battery is fully charged. The best position is to have the solar panel facing north.
- Make sure the panel and light are clean before charging. If the solar panel is dirty, it cannot charge the battery efficiently.
- After charging, remember to turn the switch to the ON position.
- After several activations and as the battery begins to lose charge, the light intensity will be reduced and the activation time may also be reduced. Your solar twin head floodlight will achieve optimum performance when the battery is fully charged.

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Instructions (Cont.)

ON/OFF switch

Before first use, make sure the rechargeable solar battery is fully charged.

The ON/OFF switch (Fig. 4) is located on the left side of the lamp body and is activated by setting it to the ON position.

Fig. 4

- **ON** When the switch is in the ON position, the floodlight will turn on automatically at night once motion is detected.
- **OFF** When the switch is in the OFF position, the light will remain OFF and will not detect any movement.

Time, distance and lux control dials

Your solar twin head floodlight has three control dials to allow you to adjust the detection sensitivity and the level of darkness that must be reached before the light turns on. They are located on the bottom of the lamp body and are marked **TIME, DISTANCE** and **LUX** (Fig. 5: approximate dial positions).

Fig. 5

- **TIME** Use this dial to adjust the length of time the light will illuminate for once a motion has been detected (range 5–60 seconds).
- **DISTANCE:** Use this dial to adjust the sensitivity to motion within the sensor's detection range (120°, up to 8m).
- **LUX:** Set to the maximum level, the light will come on in most situations ranging from dark to daylight.

  Set to the minimum level, the sensor will only trigger the light to turn on at dusk or when it is dark outside. This is the correct position for general evening and nighttime operation. If the appliance is not operating at night due to interference, from a streetlight or similar, turn the LUX dial towards maximum .

NOTE:

- Default values are maximum settings. Before operating the floodlight, please adjust the default settings according to your requirements.
- **IMPORTANT!** The sensor that detects daylight and keeps the light turned off to prevent the battery being drained during the day is located in the solar panel. When setting the activation time and distance setting during daylight, **disconnect the cord linking the main lamp body to the solar panel.** The PIR sensor will then be able to respond to your distance and time setting adjustments during daylight. Reconnect the cord from the solar panel to the main lamp body after you finalise the settings.

Time adjustment

Use the time adjustment dial to set the length of time the light will stay illuminated for once a motion has been detected. The duration can be set from 5 seconds to 60 seconds (1 minute).

- If set to the maximum position (time dial turned fully to the right side in arrow direction), each detected activation time is 1 minute/60 seconds.
- If set to the minimum position (time dial turned fully to the left side in arrow direction), each detected activation time is 5 seconds.

Distance sensitivity adjustment

Use the distance adjustment dial to set the range of the motion detector.

- If set to the maximum position (distance dial turned fully to the right side in direction), the maximum sensor range is approximately 8 metres.
- A mid position is the normal setting.
- If set to the minimum position (distance dial turned fully to the left side in direction), the minimum sensor range is approximately 2 metres.

NOTE:

- For every first detection (after you select the ON position) there will be a 30 second warm-up time as the sensor adjusts itself. The subsequent detection range and illumination time will then be as per your settings.
- Do not expect the sensor to work at its maximum distance in all temperature conditions. On hot nights the detecting distance may decrease, on cold nights the distance may increase.

Passive infrared (PIR) motion sensor

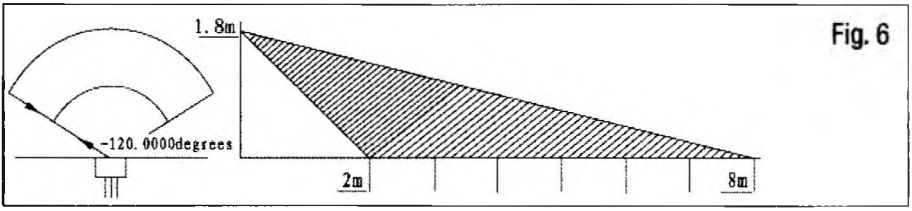

Fig. 6

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FAQs and Troubleshooting Guide

If your solar twin head floodlight fails to operate, or you experience any other problems with the product, please check in the list below for solutions to common problems. If our suggestions do not help you solve the problem, contact our after sales support centre for advice. Before phoning for a service, make sure that the product is properly assembled and fully charged.

- Adjust the direction of the lamp body to ensure the target will be walking across or entering the detection area from a sideways or offset direction.
- Check the switch. If it is in the OFF position, switch it to the ON position.
- Make sure that the battery is fully charged. The solar panel should be placed in a position where it can receive the maximum amount of full direct sunlight every day. If the solar panel does not receive enough sunlight during daytime, e.g. due to cloudy or overcast weather conditions, it will be recharged on the next sunny day and resume normal operation.

  Please note that before first use, the battery must be charged for at least three days with the ON/OFF switch in the OFF position. See page 12 for instructions.
- Check and ensure that the plug on the connection cable is fully inserted into the socket on the lamp body to enable the battery to charge.
- Check that the protective plastic film has been removed from the solar panel.
- The solar panel may be installed too close to other light sources, e.g., street lights or porch lights. The light sensor in the solar panel will therefore detect daylight conditions and automatically turn off the circuit. Relocate the solar panel to a more appropriate location.
- If trees are blocking or reducing the solar panel's exposure to sunlight, move the panel to a more exposed location.
- The detection range changes from summer to winter. During a cold winter night the sensor will be more sensitive and detect a body moving in its path at a greater distance than on a hot summer night. If the detection range decreases during a hot period, increase the detection range by rotating the distance dial towards the maximum setting.

Other Useful Information

Cleaning and maintenance

Dust and grime accumulating on the solar panel will impede its ability to absorb sunlight and charge the battery. Dust and grime on the PIR sensor can affect its ability to detect movement. It is therefore important to maintain the solar twin head floodlight in a clean condition to ensure optimum performance and durability.

- Clean the solar panel, floodlights and the lamp body occasionally, or when you notice dust has accumulated on the parts.
- Use a soft, damp cloth to clean the parts gently. Do not use any detergents.
- Clean the parts gently, taking care not to damage fragile surfaces.

Storage

- Before storing the product, make sure all parts are clean.
- Store all parts of the product in the original packaging in a clean and dry place, out of reach of children.

Service and repair

- If the solar twin head floodlight is damaged, do not use it. Dispose of the damaged product responsibly, or contact our after sales support centre for advice on return or repair.
- Do not attempt to repair or disassemble the damaged product. There are no spare parts available for purchase from our after sales support centre.
- The lamps are not replaceable. Do not try to replace the bulb if it no longer lights up.

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Other Useful Information (Cont.)

Technical specifications

Model number	WL-SS21
Battery	2 x 3.7V solar rechargeable lithium-ion 1800mAh
Solar panel	Polycrystal 2.5W 11V⎓ 227mAh
LED bulbs	2 x 5W, white
Connection cable	5m
Protection class	III
Ingress protection	IP44
Operating temperature	–20°C to 60°C
Dimensions (cm)	Solar panel: 19.2 (L) x 20 (H) x 4.8 (D)
	Floodlight: 21.6 (L) x 19.2 (H) x 6.3 (D)
Weight (all parts)	approx. 920g

Compliance

This appliance has been fully tested and meets all requirements as set out by standards AS/NZS 60598.1, AS/NZS 60598.2.5 and AS/NZS IEC 62471.

N13275

The RCM Mark (Regulatory Compliance Mark) indicates that the product complies with the relevant guidelines of the ACMA as well as corresponding government requirements for the safety of electrical devices.

Responsible disposal

At the end of its working life, do not throw this device out with your household rubbish. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling.

The products contains a rechargeable lithium-ion battery, which must be recycled or disposed of in accordance with all applicable local rules and regulations for the disposal of batteries. NEVER dispose of a product containing batteries in a fire, as it could result in an explosion and cause injury.

Contact your local authorities for advice on recycling facilities in your area.

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Solar Twin Head Floodlight

Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost. **We recommend you save this data elsewhere prior to sending the product for repair.**

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 886 649 or write to us at:

Tempo (Aust) Pty Ltd ABN 70 106 100 252
PO BOX 6056 Frenchs Forest, Sydney, Australia NSW 2086
Tempo Help Desk: 1300 886 649 (Aust)
(Operating Hours: Mon-Fri 08:30AM to 06:00PM EST)
Email: info@tempo.org

1
YEAR WARRANTY

Please read the manual
It will help you get the best out of your product.
Still have questions?
Call After Sales Support
1300 886 649
Or visit www.tempo.org

Warranty returns

Should you for any reason need to return this product for a warranty claim, make sure to include all accessories with the product.

Product does not work?

If you encounter problems with this product, or if it fails to perform to your expectations, make sure to contact our After Sales Support Centre on 1300 886 649 for advice.

For an electronic copy of this instruction manual, please phone our after sales support centre.

Instruction Manual Revision Index

Version No	Issue Date	Description
V1.0	31 October 2017	Original (2018) release
V1.1	12 December 2017	On/Off switch updated
V1.2	11 January 2018	Updates: pages 5, 6, 12, 16, 17
V1.3	15 February 2018	Minor update, page 5
V1.4	08 March 2018	Updates: pages 7, 12, 13